

## CONTENTS

EXECUTIVE SUMMARY .....	iii
ACRONYMS AND ABBREVIATIONS .....	v
1.0 INTRODUCTION.....	1-1
1.1 HANFORD'S CULTURAL RESOURCES.....	1-1
1.2 HANFORD CULTURAL AND HISTORIC RESOURCES PROGRAM OVERVIEW .....	1-2
1.3 OUTLINE OF THE MANAGEMENT PLAN.....	1-3
2.0 CRM GOALS .....	2-1
2.1 SHORT-TERM GOALS.....	2-2
2.2 LONG-TERM GOALS.....	2-4
3.0 EXISTING CONDITIONS.....	3-1
3.1 FACILITY DESCRIPTION.....	3-1
3.1.1 Current Physical Setting .....	3-3
3.1.2 Current Operational Context.....	3-5
3.1.3 Potential Impacts to Cultural Resources .....	3-6
3.1.4 Summary of Current Planning Procedure.....	3-9
3.1.5 Funding .....	3-10
3.2 CULTURAL AND HISTORICAL SETTING.....	3-10
3.2.1 Historic and Prehistoric Natural Environments .....	3-11
3.2.2 Prehistory and History .....	3-12
3.2.3 Traditional Lands and Resource Uses.....	3-20
3.2.4 Treaties.....	3-22
3.2.5 Recent Scientific Significance .....	3-22
3.3 KNOWN CULTURAL RESOURCES.....	3-24
3.3.1 Native American Cultural Landscape .....	3-26
3.3.2 Early Settler/Farming Cultural Landscape .....	3-32
3.3.3 Resources of Ethnic Importance .....	3-33
3.3.4 Properties of Recent Scientific Significance .....	3-33

3.4	CRM ACCOMPLISHMENTS .....	3-40
3.4.1	Cultural Resource Records and Reports.....	3-40
3.4.2	Inventory .....	3-45
3.4.3	Excavation .....	3-53
3.4.4	Structure and Facility Management.....	3-58
3.4.5	Laboratory Treatment.....	3-60
3.4.6	Curation .....	3-60
3.4.7	Preservation .....	3-68
3.4.8	Research.....	3-72
3.4.9	Outreach.....	3-73
3.5	LEGAL COMPLIANCE ACCOMPLISHMENTS.....	3-77
3.5.1	NHPA, Executive Order 11593, and 36 CFR Part 800.....	3-77
3.5.2	American Indian Religious Freedom Act and Executive Order 13007 .....	3-78
3.5.3	ARPA.....	3-78
3.5.4	NAGPRA.....	3-79
3.5.5	36 CFR Part 79.....	3-80
4.0	CRM METHODS.....	4-1
4.1	RECORDS AND REPORTS.....	4-1
4.1.1	Cultural Resource Site Records .....	4-1
4.1.2	Hanford Cultural and Historic Resources Program Records .....	4-2
4.1.3	Other Cultural Resource Records.....	4-2
4.1.4	Cultural Resource Reports.....	4-3
4.2	INVENTORY .....	4-4
4.2.1	Archival Searches.....	4-4
4.2.2	Ethnographic Fieldwork.....	4-6
4.2.3	Structure and Facility Surveys .....	4-7
4.2.4	Archaeological Surveys .....	4-7
4.3	EXCAVATION.....	4-10
4.3.1	Test Excavations .....	4-10
4.3.2	Large-Scale Excavations .....	4-10
4.4	STRUCTURE AND FACILITY MANAGEMENT .....	4-11
4.4.1	Structure and Facility Documentation .....	4-11
4.4.2	Structure and Facility Maintenance.....	4-11
4.4.3	Structure and Facility Mitigation .....	4-11
4.5	LABORATORY TREATMENT .....	4-11
4.5.1	Processing.....	4-12
4.5.2	Analysis .....	4-13

4.6	CURATION.....	4-15
4.6.1	Preservation .....	4-16
4.6.2	Inventory, Accession, Labeling, and Cataloging .....	4-16
4.6.3	Identification, Evaluation, and Documentation .....	4-17
4.6.4	Storage and Maintenance .....	4-17
4.6.5	Periodic Inspection and Remedial Preservation.....	4-17
4.6.6	Study .....	4-18
4.7	PRESERVATION.....	4-18
4.7.1	Natural Forces.....	4-18
4.7.2	Human Forces.....	4-19
4.8	OUTREACH.....	4-19
4.8.1	Activities on the DOE Site .....	4-20
4.8.2	Activities Not on the DOE Site .....	4-20
4.9	INTRAGENCY INFORMATION EXCHANGE.....	4-20
5.0	CRM PROCEDURES AND ADMINISTRATION.....	5-1
5.1	COMPLIANCE PROCEDURES—NHPA, EXECUTIVE ORDER 11593, 36 CFR PARTS 60, 63, 65, 79, AND 800 .....	5-1
5.1.1	Initiation of Compliance Procedures for Undertakings .....	5-1
5.2	ARPA COMPLIANCE PROCEDURES .....	5-6
5.2.1	Increasing Public Awareness .....	5-6
5.2.2	Planning and Scheduling Archaeological Surveys .....	5-6
5.2.3	Reporting Suspected Violations .....	5-7
5.3	AIRFA AND EXECUTIVE ORDER 13007 COMPLIANCE.....	5-7
5.4	NAGPRA COMPLIANCE PROCEDURES.....	5-7
5.4.1	Intentional Excavation and Removal of Native American Cultural Items .....	5-8
5.4.2	Inadvertent Discovery of Native American Cultural Items .....	5-10
5.4.3	Inventory for Native American Human Remains and Associated Funerary Objects .....	5-12
5.4.4	Summary of Native American Unassociated Funerary Objects, Sacred Objects, and Cultural Patrimony .....	5-12
5.4.5	Repatriation of Native American Cultural Items .....	5-12
5.5	36 CFR PART 79 COMPLIANCE PROCEDURES.....	5-13
5.5.1	Management and Preservation of Collections .....	5-13
5.6	PROTECTION PROCEDURES.....	5-13

5.7	TREATY RIGHTS.....	5-18
5.8	CRM ADMINISTRATION.....	5-19
5.8.1	Staffing and Contracting .....	5-19
5.8.2	Training.....	5-20
5.8.3	Permitting .....	5-20
5.8.4	CRM Facilities .....	5-20
5.8.5	Curation .....	5-20
5.8.6	Quality Assurance .....	5-20
5.8.7	Consultation on Administration .....	5-21
6.0	REFERENCES.....	6-1
	APPENDIX A – GLOSSARY.....	A-1
	APPENDIX B – FORMS.....	B-1
	APPENDIX C – PROCEDURES.....	C-1
	APPENDIX D – RESUMES .....	D-1
	APPENDIX E – BIBLIOGRAPHY – HANFORD CULTURAL AND HISTORIC RESOURCES PROGRAM.....	E-1
	APPENDIX F – NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION TREATMENT PLAN .....	F-1
	APPENDIX G – CURATION PLAN FOR HANFORD’S ARCHAEOLOGICAL COLLECTIONS.....	G-1
	APPENDIX H – HANFORD CURATION PLAN.....	H-1

## **FIGURES**

1	Hanford Site and Surrounding Areas.....	3-2
2	Hanford Reach National Monument.....	3-4
3	Hanford Cultural and Historic Resource Laboratory Stewardship Information System.....	3-42
4	Areas Surveyed for Cultural Resources on the Hanford Site as of 2002 .....	3-51
5	Radiocarbon Dates Collected at Hanford Arranged Chronologically .....	3-65
6	FY 2001 Land-Based Special Protection and Mitigation Unit Rankings .....	3-70
7	Summary of Impacts to Special Protection and Mitigation Units .....	3-70
8	Summary of Mitigative Actions Identified for Special Protection and Mitigation Units .....	3-71
9	Jetform RL-665 .....	5-3

## **TABLES**

1	National Strategy for Federal Archeology.....	2-1
2	Historic Timeline .....	3-18
3	Historic Buildings, Archaeological Sites, and Districts Listed in the National Register.....	3-25
4	Archaeological Sites and Historic Districts Determined Eligible for Listing in the National Register.....	3-25
5	Archaeological Sites and Districts Listed in the Washington Heritage Register.....	3-26
6	Hanford Cultural and Historic Resource Program Records and Databases .....	3-41
7	Test Excavations Conducted on the Hanford Site .....	3-54
8	Radiocarbon Dates from Hanford Archaeological Sites .....	3-61
9	Required Interactions Between DOE and Indian Tribes under NAGPRA.....	5-9